

# PYROPHOSPHATE

*Meaning: Pyrophosphate is a chemical compound consisting of two phosphate groups linked by an energy-rich bond, often involved in biochemical energy transfer and reaction catalysis.*

1. The researchers discovered that adding pyrophosphate to the solution significantly enhanced the reaction rate.
2. In biochemistry, pyrophosphate plays a crucial role in energy transfer processes.
3. The enzyme's activity was inhibited by the presence of pyrophosphate, leading to unexpected results.
4. Pyrophosphate is often used in various industrial applications, including detergents and food processing.
5. Understanding the properties of pyrophosphate can help in developing new pharmaceuticals and biocatalysts.

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